

1      ABSTRACT OF THE DISCLOSURE

An electronic still camera, for recording ~~the~~  
image signals in compressed state in a memory medium  
such as a memory card, is provided with a calculation  
circuit, for calculating the remaining number of still  
recordable frames in the memory medium ~~in more reliable~~  
manner, and the number of already recorded frames and  
the remaining number of still recordable frames are  
simultaneously displayed ~~in order to inform the~~  
~~photographer of the remaining state of the memory card~~  
~~in securer manner~~

The remaining frame number is calculated ~~in~~  
~~securer manner~~ by detecting the remaining capacity of  
the memory ~~card~~ and dividing the remaining capacity  
with the amount of compressed signal averaged over the  
latest 100 image frames. ~~A display device is provided~~  
~~for indicating thus determined remaining frame numbers~~  
~~together with the number of already recorded frames.~~

For calculating the remaining frame number in  
more reliable manner, there are determined the average  
data amount of the recorded frames, the standard  
deviation, and the remaining capacity of the memory  
~~card~~ and the minimum remaining frame number is  
determined by dividing the remaining capacity with the  
average data amount plus standard deviation, while the  
maximum remaining frame number is determined by dividing  
the remaining capacity with the average data amount minus

~~Also there is provided a display device for indicating the remaining frame number in the form of a range defined by the minimum and maximum remaining frame numbers.~~

5

10

15

20

25